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TITLE : MANUFACTURING METHOD OF METAL OXIDE

ABSTRACT : PROBLEM TO BE SOLVED: To provide a manufacturing method of metal oxide by which uniform and homogeneous metal oxide, particularly a homogeneous metal oxide fine particle having uniform primary particle diameter and free from secondary aggregation can be obtained advantageously in energy conservation at the temperature extremely lower than that of the conventional method with a simple equipment and simple operation.

SOLUTION: The oxide of the metal element is obtained by preparing a reaction system containing at least one kind selected from a group consisting of compounds containing a metal element and the simple body of the metal element and inducing cavitation phenomenon in the reaction system.

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